

REMARKS

Claims 1, 3-5, 7-9, 15-17, and 21-27 are pending. Claims 1, 3-5, 7-8, 15-16, and 23-27 have been amended. Claims 2, 6, 10-14, 18-20 and 28-37 have been cancelled.

Claim Objections

“An other” in claim 1 has been replaced with “another.” It is respectfully requested that the objection be withdrawn.

35 U.S.C. § 101

Claims 24-27 have been amended to recite “a computer readable medium having encoded there on processor executable instructions, which when executed by the processor cause the processor to perform a data communications method” It is respectfully requested that the 101 rejection be withdrawn.

35 U.S.C. 102(e)

Claims 1-8, 10-17, 20-35 and 37 were rejected under 35 U.S.C. 102(e) as being anticipated by Guedalia (US, 6,536,043).

Independent claims 1, 15 and 24 are not anticipated by Guedalia as Guedalia fails to teach, disclose, or suggest receiving a media data stream organized in accordance with a frame prediction data structure which comprises compressed anchor frames and a plurality of compressed bi-directionally predicted frames (B-frames) which are associated with the anchor frames, and the media data stream also including a table of contents (TOC) which points to the location in the media data stream where each frame in the stream begins.

Guedalia does not disclose the use of anchor frames and B-frames, nor their organization in a frame prediction data structure. Therefore, Guedalia does not disclose initially decoding only the anchor frames and storing them. Furthermore, Guedalia does not disclose the table of contents (TOC) nor randomly accessing the other frame by looking up its location in the TOC and if a B-frame, decoding the B-frame using one of stored and decoded anchor frames which is associated with the B-frame, the decoding of the B-frame being out of sequence with respect to any B-frames that may be between the one of the associated anchor frames and the B-frame.

The MPEG standard does not include the feature of randomly accessing a B-frame. The B-frames associated with one or more anchor frames are decoded in sequence with respect to the associated anchor frame from the nearest B-frame to the desired B-frame.

Furthermore, Guedalia does not disclose, teach or suggest that the received media data is organized in a frame prediction data structure including:

wherein the synchronized sequences include a base sequence in which the anchor frames are all Intra code frames (I-frames) and at least one other synchronized sequence in which the anchor frames include predictatively coded (P-frames); and wherein an I-frame in the base sequence predicts a P-frame in the at least one other synchronized sequence

in dependent claims 4 and 26, nor

wherein the synchronized sequences include a base sequence in which the anchor frames include at least one P-frame and at least one other synchronized sequence in which the anchor frames include at least one P-frame; and wherein the P-frame in the base sequence predicts the at least one P-frame in the at least one other synchronized sequence

in dependent claims 5 and 27.

The arguments with respect to the independent claims are applicable to their dependent claims as well. Guedalia does not anticipate the pending claims as amended.

35 U.S.C. 103(a)

Claims 9, 18-19, and 36 were rejected under 35 U.S.C. 103(a) as being unpatentable over Guedalia (US 6,536,043) and assertions of Official Notice. Applicant respectfully disagrees that "decoding no more than a single one of the B frames to depict the image" is conventional in the MPEG standard. As stated above, the MPEG standard does not include the feature of randomly accessing a B-frame. The B-frames associated with one or more anchor frames are decoded in sequence with respect to the associated anchor frame from the nearest B-frame to the desired B-frame.

The arguments with respect to the independent claims are applicable to these dependent claims as well for illustrating that they are patentable over Guedalia and the assertion of Official Notice.

Conclusion

In light of the arguments and amendments presented above, the pending claims as amended are in condition for allowance, and applicants respectfully request a prompt notice of allowance.

Date: *March 13, 2008* Respectfully Submitted on Behalf of Applicants

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